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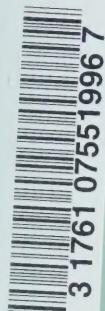
Canada Forest Products
Laboratories

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(Canada

Department of Northern Affairs and National Resources

FORESTRY BRANCH)



LIST OF PUBLICATIONS
(FOREST PRODUCTS LABORATORIES OF CANADA)

OTTAWA

VANCOUVER

REVISED JULY 1954

FOREST PRODUCTS LABORATORIES OF CANADA

Chief - J. H. Jenkins

Superintendent, Ottawa Laboratory
H. Schwartz

Superintendent, Vancouver Laboratory
K.G. Fensom

LIST OF PUBLICATIONS

Publications and reports of the Forest Products Laboratories of Canada (which include the two research units - Forest Products Laboratory, Ottawa, and the Forest Products Laboratory, Vancouver) cover all phases of forest products research. This list includes printed publications, mimeographed reports and reprints of articles and papers, available for distribution. It excludes (1) papers and articles in periodicals for which copies are not available for distribution, and (2) publications for which distribution copies are no longer available.

The publications are listed under the following subject headings:

1. Mechanical Properties, Panel and Laminated Construction.
2. Plywood, Adhesives and Dielectric Heating.
3. Containers and Packaging.
4. Wood Preservation and Other Treatments.
5. Wood Pathology (including Sap Stain and Mould Prevention).
6. Wood Paints and Coatings.
7. Wood Structure.
8. Wood Uses, Manufacture, and Waste Utilization.
9. Wood as Fuel.
10. Lumber Seasoning.
11. Wood Chemistry.
12. Miscellaneous.

Publications printed in English are shown in Part A; those in French are shown in Part B.

The origin of each publication is indicated by the symbol (O) for the Ottawa Laboratory and (V) for the Vancouver Laboratory. In the case of bulletins, circulars, and reprints, this symbol is placed after the title but with the numbered mimeographed reports, the symbol is shown as a prefix to the report number. The series of numbered circulars has been discontinued

Requests for publications should be addressed to:

Forest Products Laboratory,
Department of Northern Affairs and National Resources
Ottawa, Ontario.

or

Forest Products Laboratory,
c/o University of British Columbia,
Vancouver 8, B.C.

PART A - ENGLISH PUBLICATIONS

1. Mechanical Properties and Laminated Construction

- Bulletin 104 Effect of Exposure on Douglas Fir Crossarms, W.E. Wakefield, 1952 - (O).
- Circular 28 Strength Tests of Creosoted Douglas Fir Beams, J.F. Harkom and G.H. Rochester, 1930 - (O).
- " 29 Strength Tests of Creosoted Douglas Fir Railway Ties, J.F. Harkom and J.B. Alexander, 1931 - (O-V).
- " 31 Strength of Telephone Poles, Eastern Cedar, Red Pine and Jack Pine - Revised 1947 - (O).
- " 34 Strength and Spike-retention Properties of Jack Pine Ties Affected with Red Stain and Red Rot, G.H. Rochester, 1932 - (O).
- " 37 Red Stain in Jack Pine, Clara W. Fritz and G.H. Rochester, 1933 - (O).
- " 41 Western Red Cedar: Significance of Its Heartwood Colorations, H.W. Eades and J.B. Alexander, 1934 - (V).
- " 42 Strength of Lodgepole Pine Telephone Poles, J.B. Alexander, 1934 - (V).
- " 45 Strength of Douglas Fir Telephone Poles, J.B. Alexander, 1936 - (V).
- " 46 Western Hemlock Ties, J.B. Alexander, 1936 - (V).
- " 51 Comparison of the Mechanical and Physical Properties of the Heartwood and Sapwood of Yellow Birch, W.E. Wakefield - (O).
- " 53 Brown-stain in Sugar Maple, Its Effect on Mechanical and Physical Properties, W.E. Wakefield, 1938 - (O).
- " 55 Wooden Tanks in Industry, M.J. Brophy, 1939 - (O).
- " 63 Red Stain and Pocket Rot in Jack Pine - Their Effect on Strength and Serviceability of the Wood, 1948 - (O).
- " 64 Effect of Kiln-drying Upon the Strength of Western Hemlock, J.B. Alexander and C.F. Archer, 1947 - (V).

Circular 65 Strength of Jack Pine Poles Infected with Pocket Rot,
D.E. Kennedy and W.E. Wakefield, 1948 - (O).

Mechanical and Physical Properties of Canadian Woods, W.E. Wakefield -
(Chapter 4 of the book "Canadian Woods: Their Properties
and Uses", 1951). Price 25¢. (O).

Glued Laminated Construction and Timber Fastenings, D.E. Kennedy and
J.M. Rudnicki - (Chapter 11 and 13 of book "Canadian Woods:
Their Properties and Uses", 1951). Price 25¢. (O).

O-111 - Strength and Spike Holding Quality of Jack Pine Ties Containing
Red Rot, D.E. Kennedy, 1947.

O-117 - Glued Laminated Construction, D.E. Kennedy, 1949.

O-138 - Trip-L-Grip Framing Anchors, J.M. Rudnicki and D.E. Kennedy, 1948.

O-152 - Construction and Testing of a Glued Laminated Wooden Arch of
47-foot Span, D.E. Kennedy, 1949.

V-1014 - Test Loading of Concrete Timber Deck Bridge, J.B. Alexander, 1953.

Wood Piles - Specifications and Mechanics, J.B. Alexander. (Reprint from
Forest Products Research Society Journal, 1953) - (V).

Panels for House Construction, W. Thornber, 1948 - (O).

Basic Stresses for Wood, J.B. Alexander. (Reprint Forest Products Research
Society, 1949) - (V).

Physical and Mechanical Properties of Second-growth Douglas Fir,
J.B. Alexander. (Reprint A.S.T.M. Bulletin 169, Oct. 1950)
- (V).

Changes in circumferential Dimensions of Douglas Fir Poles During Seasoning,
W.J. Smith. (Reprint B.C. Lumberman, June 1951) - (V).

Stress Grading as Related to Mechanical Properties of Wood. W. J. Smith,
Vancouver Laboratory. Reprinted from "The Parthenon",
September 1953.

2. Plywood, Adhesives and Dielectric Heating

Bulletin 96 - Animal Glues and Their Use in Woodworking, G.L. Rosser,
1939 - (O).

- Bulletin 110 - Dielectric Heating as Applied to the Woodworking Industries
R.W. Peterson, 1954 (O).
- Circular 50 - Vegetable Glues for Plywood and Veneers, G.L. Rosser and
W. Gallay, 1937 - (O).
- Veneers, Plywoods and Wood Adhesives, D.G. Miller - (Chapter 10 of the book
"Canadian Woods: Their Properties and Uses". 1951). Price 25¢.(O).
- O-120 - Effect of High Temperatures on Casein and Cold-setting Urea-
formaldehyde Glues - Close Contact Joints, E.G. Bergin, 1947.
- O-121 - Tension Normal to Glue Line Plywood Tests, W.E. Wakefield,
Revised 1947.
- O-134 - Control of Moisture in Wood Glued with Room-temperature-setting
Urea-formaldehyde Resins, E.G. Bergin, 1948.
- O-137 - Effect of Wood Moisture Content on Gluing, E.G. Bergin, 1948.
- O-151 - Dielectric Properties of Wood, R.W. Peterson, 1949.
- O-159 - Radio-frequency Power Requirements for Edge-gluing, R.W. Peterson, 1950.
- Application of Dielectric Heating to the Seasoning of Wood, D.G. Miller
(Paper presented at National Annual Meeting, Forest Products
Research Society, 1948) - (O).
- Veneer Cutting Properties of Canadian Aspen. A Preliminary Investigation.
D.G. Miller, Ottawa Laboratory, (Reprint, WOOD July and August
1953)
- Manufacture of Lumber-core Plywood, D.G. Miller, (Reprint, Timber of Canada,
Nov. - Dec. 1950) - (O).
- Curved Plywood - A Modern Mass Production Material, R.W. Peterson, 1950 - (O).
- Glue Joint Failures and Their Causes, E.G. Bergin, (Reprint, B.C. Lumberman,
July 1951) - (O).
- Polyvinyl Resin Emulsion Woodworking Glues, E.G. Bergin, (Reprint, Canadian
Woodworker, July 1951) - (O).
- The Gluing Characteristics of Various Eastern Canadian Wood Species, E.G. Bergin
(Reprint, Canadian Woodworker, December 1953) - (O).
- Significance of Wood Failure in Glued Joints, E.G. Bergin, (Reprint,
Canadian Woodworker, March 1953) - (O).

Bulletin 110 - Dielectric Heating as Applied to the Woodworking Industries
R.W. Peterson, 1954 (O).

Circular 50 - Vegetable Glues for Plywood and Veneer, G.E. Rossier and
W. Gellay, 1937 - (O).

Veneer, Plywoods and Wood Adhesives, D.G. Miller - (Chapter 10 of the book
"Canadian Woods: Their Properties and Uses", 1951). (O).

O-150 - Effect of High Temperatures on Gaseous and Solid-state Urea-
formaldehyde Glues - G.E. Rossier and J.E. Bergin, 1947.

O-151 - Tension Normal to Glue Line Plywood Tests, W.E. Warkentin,
Revised 1947.

O-152 - Control of Moisture in Wood Glued with Urea-temperature-sensitive
Urea-formaldehyde Resins, E.G. Bergin, 1948.

O-153 - Effect of Wood Moisture Content on Glue Line, E.G. Bergin, 1948.

O-154 - Dielectric Properties of Wood, R.W. Peterson, 1950.

O-155 - Radio-frequency Dielectric Heating of Wood, R.W. Peterson, 1950.

Application of Dielectric Heating to the Production of Forest Products
(Report presented to the Canadian Forestry Research Society, 1948) - (O).

Veneer Cutting Properties of Canadian Aspen: A Preliminary Investigation
E.G. Miller, Ottawa Laboratory, Reprint, WOOD July and August
1947.

Manufacture of Lumber-core Plywood, D.G. Miller, Reprint, Timber of Canada,
Nov. - Dec. 1953 - (O).

Curved Plywood - A Modern Mass Production Material, R.W. Peterson, 1950 - (O).

Glue Joint Failures and Their Causes, E.G. Bergin, Reprint, A.C. Lomberger,
July 1951 - (O).

Polyvinyl Resin Emulsion Woodworking Glues, E.G. Bergin, Reprint, Canadian
Woodworker, July 1951 - (O).

The Gluing Characteristics of Various Eastern Canadian Wood Species, E.G. Bergin
(Reprint, Canadian Woodworker, December 1951) - (O).

Significance of Wood Failure in Glued Joints, E.G. Bergin, Reprint,
Canadian Woodworker, March 1951 - (O).

Development of the Glue Line Cleavage Test, P.L. Northcott, (Paper presented at National Annual Meeting, Forest Products Research Society, 1952) - (V).

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Edge-gluing by Dielectric Heating, R.W. Peterson, (Reprint Canadian Woodworker, Feb. 1952) - (O).

Radio-frequency Power Requirements for Edge-gluing, R.W. Peterson, (Reprint "Wood", Sept. 1951) - (O).

3. Containers and Packaging

Circular 24 Strength of Reinforced and Unreinforced Butter and Cheese Boxes, G.H. Rochester, 1929 - (O).

" 39 The Design of Wooden Boxes, R.S. Millett, 1948 - (O).

O-106 - Effect of Slant Driving on the Holding Power of Nails, R.S. Millett, 1938.

Recent Developments in Containers, W. Butterworth - (Paper presented at the National Annual Meeting, Forest Products Research Society, 1950) - (O).

Domestic and Overseas Shipping Need Efficient Protective Packs, W. Butterworth, (Reprint Canadian Packaging, June 1951) - (O).

Shipping Containers, W. Butterworth - (Chapter 12 of book "Canadian Woods: Their Properties and Uses", 1951). Price 25¢. (O).

4. Wood Preservation and Other Treatments

Circular 26 Creosote Treatment of Douglas Fir, J.F. Harkom, 1929 - (O).

" 28 Strength Tests of Creosoted Douglas Fir Beams, J.F. Harkom and G.H. Rochester, 1930 - (O).

" 29 Strength Tests of Creosoted Douglas Fir Railway Ties, J.F. Harkom and J.B. Alexander, 1931 - (O-V).

" 36 Leaching Tests on Water-soluble Preservatives, C. Greaves, 1933 - (O).

" 40 Open-tank Treatment of Red Pine Lumber, J.F. Harkom, 1934 - (O).

Bulletin 107 - Preservative Treatment of Fence Posts by Non-pressure Processes, M.J. Colleary, 1953 - (O).

Preservative Treatment of Wood, J.F. Harkom - (Chapter 7 of the book "Canadian Woods: Their Properties and Uses", 1951).
Price 25¢. (O).

- O-105 - Treated and Untreated Timbers: Completed Service Tests to Date and Notes Regarding Tests in Progress, M.J. Colleary, 1945.
- O-110 - Fire-retardant Treatment of Structural Timbers, J.F. Harkom, 1946.
- O-122 - Treatment of Pencil Slats, C. Greaves - Reissue, 1947.
- O-126 - Laboratory and Service Tests of Pentachlorophenol and Copper Naphthenate as Wood Preservatives, J.F. Harkom and H.P. Sedziak, 1947.
- O-131 - Preservative Treatment of Poles by End Boring, J.F. Harkom - Revised 1947.
- O-149 - Accelerated Testing of Wood Preservatives, Including Wood Block Soil Technique, H.P. Sedziak, 1949.
- O-160 - Absorption and Penetration of Greensalt Solutions in Mountain Douglas Fir and Eastern Spruce, M.J. Colleary, 1951.
- O-166 - Hot and Cold Bath Preservative Treatment of Jack Pine, J. Krzyzewski, 1953.
- O-173 - Wood Preservatives and Their Application, 1953.

Preservative Treatment of Douglas Fir and Western Hemlock Sleepers in Canada, C. Greaves - (Paper presented at Annual Meeting, British Wood Preserving Association 1951) - (O).

Evaluation of Two Modern Wood Preservatives, H.P. Sedziak - (Paper presented at National Annual Meeting, Forest Products Research Society, 1952). - (O).

5. Wood Pathology (including Sap Stain and Mould Prevention).

Bulletin 113 - Streaky Red Heart in Douglas Fir. H.W. Eades and J.B. Alexander, 1954 (V).

Circular 37 Red Stain in Jack Pine, Clara W. Fritz and G.H. Rochester, 1933 - (O).

- Circular 41 Western Red Cedar: Significance of Its Heartwood Colorations, H.W. Eades and J.B. Alexander, 1934 - (V).
- " 57 Sap Stain, Mould and Decay in Relation to Export Shipments of British Columbia Softwoods, H.W. Eades, 1940 - (V).
- " 58 Decay in Red-stained Jack Pine Ties Under Service Conditions, C.W. Fritz and E.A. Atwell, 1941 - (O).
- " 61 Cause and Prevention of Decay in Wooden Buildings with Particular Reference to the Coastal Region of British Columbia, H.W. Eades, 1945 - (V).
- " 63 Red Stain and Pocket Rot in Jack Pine - Their Effect on Strength and Serviceability of the Wood, 1948 - (O).
- Deterioration of Logging Residue on the B.C. Coast, J.W. Roff, (Reprint B.C. Lumberman, June 1953) - (V).
- Decay and Stains in Wood, C.W. Fritz - (Chapter 6 of the book "Canadian Woods: Their Properties and Uses", 1951). Price 25¢. (O).
- V-1007 - Sap Stain and Mould Prevention - The Relative Efficacy of Certain Chemicals, H.W. Eades and J.W. Roff, 1949.
- Wooden Scows - Some Factors Affecting Their Durability, H.W. Eades, 1933 - (V).
- Removal of Moss from Shingle Roofs, H.W. Eades, (Reprint, British Columbia Lumberman, March 1951) - (V).
- Brown Stain in Pine Sapwood Caused by *Cytospora* sp., Clara W. Fritz, (Reprint Canadian Journal of Botany, 1952) - (O).
- Toxicity Tests of a Water-Soluble Phenolic Fraction (Thujaplicin-Free) of Western Red Cedar. J.W. Roff and J.M. Atkinson. (Reprint from Canadian Journal of Botany, January 1954). (V).

6. Wood Paints and Coatings

- O-142 - Method of Finishing Small Boats made from B.C. Fir Plywood, R.C. Hubbard, 1949.
- O-150 - General Information on Wood Paints and Coatings, R.C. Hubbard, 1949.

7. Wood Structure

Bulletin 94 Density and Rate of Growth in the Spruces and Balsam Fir of Eastern Canada, J.D. Hale and J.B. Prince, 1940 - (O).

Bulletin 100 Effects of Chemical Treatment of Pulpwood Trees, D.C. McIntosh, 1951 - (O).

Circular 30 Rate of Growth and Density of the Wood of White Spruce, J.D. Hale and K.G. Fensom, 1931 - (O).

Structure of Wood, J.D. Hale - (Chapter 3 of the book "Canadian Woods: Their Properties and Uses", 1951). Price 25¢. (O).

O-157 - Factors that Affect the Buoyancy of Logs, J.D. Hale, 1950.

O-158 - Studies of the Floating Properties of Pulpwood Logs, D.C. McIntosh, 1951.

Determination of the Fiber Saturation Point of Wood by Centrifuging. E. Perem. (Reprint from Journal of the Forest Products Research Society, April, 1954) - (O).

Some Aspects of the Influence of Rays on the Shrinkage of Wood. D.C. McIntosh. (Reprint from the Journal of the Forest Products Research Society, Vol. 4.) (O).

8. Wood Uses, Manufacture and Waste Utilization

Bulletin 98 - Red Alder in British Columbia, K.W. Rymer, 1951 (V).

" 99 - Factors Influencing the Manufacture of Sawlogs into Lumber in Eastern Canada, G.E. Bell, 1951 - (O).

" 103 - Wood Waste Utilization in Canada, J. H. Jenkins, (Presented at Sixth British Commonwealth Forestry Conference, 1952).

" 108 - Use of Sawmill Waste for Pulp in Eastern Canada, G.E. Bell, 1953 - (O).

" 109 - Utilization of Sawmill Waste in the Southern Coast Region of British Columbia, F.W. Guernsey, 1953 - (V).

" 114 - Yellow Cedar: Its Characteristics, Properties and Uses R.S. Perry, 1954 (V).

- Circular 35 Effect of Seasoning on the Buoyancy of Logs, K.G. Fensom and E.S. Fellows, 1932 - (O).
- O-97 - Efficiency of Logging Sleighs for Pulpwood Operations in Different Types of Terrain, W.E. Wakefield, 1938.
- O-165 - Logging Waste Survey in the Maritimes, J.A. Doyle, 1952.
- O-168 - Specific Gravity of Wood, Depth of Cut and Bite of Tooth - In Relation to Sawmill Power Requirements, G.W. Andrews and G.E. Bell, 1953.
- O-169 - Use of Short-log Bolters, W.W. Calvert, 1953.
- V-1011 - Properties and Uses of Black Cottonwood, K.W. Rymer and F.W. Guernsey, 1952.
- V-1013 - Sawmill Residue in the Prince George Area of British Columbia, C.F. McBride, 1952.
- V-1015 - Logging and Milling Balsam, C.F. McBride and G.R.W. Nixon, 1954.
- Lumber Handling at the Rear of the Sawmill, G.E. Bell and P.E. Martin, 1951 - (O).
- Quick Method of Computing a Lumber Tally, G.E. Bell, (Reprint Timber of Canada, Nov. 1951) - (O).
- Gangsaw Production Higher in Small Log Conversion, G.E. Bell, (Reprint Canada Lumberman, Sept. 1951) - (O).
- Adjustable Sawmilling Gauge. G.W. Andrews. (Reprint from Timber of Canada, May 1954) - (O).
- Power at the Headsaw. G.W. Andrews. (Reprint from Timber of Canada, April 1954) - (O).
- Developments in Mechanical Barking, G.E. Bell, (Reprint Canada Lumberman, June 1953) - (O).
- Planer Shavings and Sawdust for Use in Insulation, J.D. Hale, 1942 - (O).
- Utilization of Western Hemlock Sawmill Waste in British Columbia, F. W. Guernsey, (Reprint British Columbia Lumberman, Nov. 1946) - (V).
- Lumber Recovery from Douglas Fir Logs in British Columbia, C.F. McBride, (Reprint Forest Products Research Society, 1949) - (V).

- Effect of Ambrosia Beetle Damage Upon Lumber Values, C.F. McBride,
(Reprint British Columbia Lumberman, Sept. 1950) - (V).
- Good Logging Practices Increase Forest Yields, J.A. Doyle, (Reprint
Timber of Canada, Feb. 1953) - (O).
- Lumber Recovery from Second-growth Western Hemlock, C.F. McBride, Reprint
British Columbia Lumberman, June 1951) - (V).
- Trends in Wood Utilization in British Columbia, K.G. Fensom - (Paper
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- Wood Flour Production in Canada, E.H. Buckley, (Reprint Canada Lumberman,
May 1952) - (O).

9. Wood as Fuel

- Bulletin 101 - Sawdust as Fuel in Eastern Canada, 1951 - (O).
- Circular 47 - Wood and Charcoal as Motor Fuel, J.H. Jenkins and F.W.
Guernsey, 1936 - (V).
- " 48 - Utilization of Sawmill Waste and Sawdust for Fuel,
J.H. Jenkins and F.W. Guernsey, 1937 - (V).
- O-89 - Heating Value of Wood Fuels, J.D. Hale, 1933.
- O-127 - Use of Sawdust as Fuel at Portable and Small Stationary Type
Sawmills, C.F. Baltzer and J.B. Prince. (Issued in co-
operation with the Fuel Research Laboratories).
- Use of Wood for Heating Logging Camps, J.H. Jenkins. (Paper presented at
Annual Meeting, Woodlands Section, Canadian Pulp and Paper
Association, 1948.)

10. Lumber Seasoning

- Bulletin 102 - Moisture Content Changes in Seasoned Lumber in Storage and
in Transit, 1952 - (V).
- " 111 - Kiln-Drying of British Columbia Lumber. J.H. Jenkins and
F.W. Guernsey, 1954 - (V).
- Circular 23 - Absorption of Moisture by Kiln-dried Lumber, J.H. Jenkins,
1934 - (V).

Circular 52 - Change in Moisture Content of Yard-piled Softwood Lumber in Eastern Canada, E.S. Fellows, 1937 - (O).

Seasoning of Lumber, R.S. Millett - (Chapter 5 of the book "Canadian Woods: Their Properties and Uses", 1951). Price 25¢. (O).

V-100 - Rusting of Cans in Wooden and Fibreboard Boxes, H.W. Eades, 1945.

V-102 - Moisture Content of Lumber - Its Determination and Effect on Weight, (Revised 1947).

V-103 - Air-seasoning of Lumber in the Southern Coast Region of British Columbia, (Revised 1947).

V-104 - Air-seasoning of Timbers, Poles and Ties - A study of the Air-Seasoning Rate and Moisture Gradient in the Southern Coast Region of British Columbia, 1948.

V-1012 - Kiln-drying Schedules for British Columbia Woods, C.F. Archer, 1952.

O-128 - Drying Schedules for Different Species, R.S. Millett and A.G. Glennie, (Revised 1949).

O-133 - Types of Dry Kilns, R.S. Millett, 1949.

O-145 - Moisture Content Determination and the Use of Sample Boards in Kiln-drying, R.S. Millett, 1949.

O-146 - Stresses in Wood and Their Determination, R.S. Millett, 1949.

O-147 - Piling Lumber for Kiln-drying and Its Storage after Drying, R.S. Millett, 1949.

O-170 - High-temperature Kiln-drying of Canadian Woods, J.L. Ladell, 1953.

The Outlook for High-temperature Seasoning in Canada. J.L. Ladell.
(Preprint, Forest Products Research Society, May 1954) - (O).

Collapse in Western Red Cedar, F.W. Guernsey, (Reprint, British Columbia Lumberman, April 1951) - (V).

Deterioration of Wooden Dry Kilns Used for Drying Western Hemlock Lumber.
H. MacLean and J.A.F. Gardner, (Reprint, The Lumberman, Dec. 1951) - (V).

Variation in Moisture Content of Wood Exposed to Indoor Conditions,
R.S. Millett, (Reprint, Timber of Canada, 1953) - (O).

Table of Relative Humidity and Approximate Equilibrium Moisture Content
of Wood, 1949 - (O).

11. Wood Chemistry

Circular 62 - Chemical Composition of Western Red Cedar Bark, Eastwood, Cram,
F.W. King and H. Schwartz, 1947 - (O).

Chemical Utilization of Wood, C. Greaves and H. Schwartz - (Chapter 8 of the
book "Canadian Woods: Their Properties and Uses", 1951).
Price 25¢. (O).

O-88 - Cedar Leaf Oils. A Review of the Available Information, C. Greaves,
(Revised 1949).

O-101 - Literature Review of the Utilization of Lignin in Plastics,
H. Schwartz, 1944.

O-114 - Improved Wood - Brief Review of Various Developments, 1946.

O-123 - Canada Balsam - Its Preparation and Uses, F.G. Marriott. (Revised
by C. Greaves, 1947).

O-135 - Production of Pine Tar by the Destructive Distillation of Canadian
Softwoods, H. Schwartz and C. Greaves, 1944.

O-153 - Review of Literature on Decay in Pulpwood, Its Measurement, and Its
Effect on Wood Properties and Pulp Quality, D.W. Glennie
and H. Schwartz, 1950.

O-156 - Manufacture of Wallboard from Wood Waste, F. Bender, 1950.

V-1009 - Tannin for the Leather Industry from Sea-water Floated Western
Hemlock Bark, H. MacLean and J.A.F. Gardner, 1950.

V-1010 - Tannin for the Oil Industry from Sea-water Floated Western
Hemlock Bark, H. MacLean and J.A.F. Gardner, 1950.

Studies on the Chemical Composition of Bark and Its Utilization for
Structural Board, L.P. Clermont and H. Schwartz - (Paper
Presented at National Annual Meeting, Forest Products
Research Society, 1948) - (O).

Chemical Composition of Canadian Woods, L.P. Clermont and H. Schwartz.
Parts 1 and 2. (Reprint Pulp and Paper Magazine of Canada,
Dec. 1951 and May 1952) - (O).

Chemical Utilization of Wood and Wood Waste, H. Schwartz, (Reprint, Chemistry in Canada, Jan. 1950) - (O).

Canadian Wood Bark as a Source of Tannin, C. Greaves, (Reprint, Canada Lumberman, May 1949) - (O).

Production of Insulating Fibreboard from Western Red Cedar Shingle Mill Waste, F.W. King and F. Bender, (Reprint, Pulp and Paper Magazine of Canada, Jan. 1951) - (O).

Delignification of Spruce Sawdust with Chlorine Dioxide, N. Levitin and H. Schwartz - (Paper delivered at 7th Annual National Meeting, F.P.R.S., Memphis, Tenn., 1953) - (O).

Production of Hard-pressed Fibreboards from Western Red Cedar Shingle Mill Waste, F.W. King and F. Bender, (Reprint, Pulp and Paper Magazine of Canada, May 1952) - (O).

Microbiological Degradation of Lignocellulose Material, D.W. Stranks, (Reprint, Pulp and Paper Magazine of Canada, Feb. 1952) - (O).

Bark Extracts in Adhesives, H. MacLean and J.A.F. Gardner, (Reprint, Pulp and Paper Magazine of Canada, 1952) - (V).

Economics of Tannin Production from Sea-water Floated Hemlock Bark, D.S. Scott and J.A.F. Gardner, (Reprint, B.C. Lumberman, April 1952) - (V).

Paper Chromatography of Phenolic Substances, Barton, Evans and Gardner, (Reprint, Nature, Aug. 1952) - (V).

Some Chemical and Plastic Properties of Western Red Cedar Butt Rot. H. MacLean and J.A.F. Gardner. (Reprint, Forest Products Research Society, November 1953.) - (V).

Aluminum Linings for Wooden Kilns. H. MacLean and J.A.F. Gardner. (Reprint, The Lumberman, December 1953.) - (V)

Heartwood Extractives in Digester Corrosion. H. MacLean and J.A.F. Gardner, (Reprint, Pulp and Paper Magazine of Canada, November 1953.) - (V).

12. Miscellaneous

Book - Canadian Woods: Their Properties and Uses, 1951, (400 pages 8 $\frac{1}{2}$ x 11, available through the Queen's Printer, Ottawa, and Commercial bookstores - price \$3.00).

Commercial Timbers of Canada, T.A. McElhanney - (Chapter 2 of the book "Canadian Woods: Their Properties and Uses, 1951).
Price 25¢. - (0).

Research Work of the Forestry Branch, (Reprint, Timber of Canada, 1952).

O-161 - Research Facilities of the Forest Products Laboratories Division, (Ottawa and Vancouver), 1952.

Some Impressions of the Third World Forestry Congress and the Timber Industry of Finland and Sweden, J.H. Jenkins, (Reprint, Forestry Chronicle, March 1950).

Science Works on Wood, J.H. Jenkins, (Reprint, Industrial Canada, Nov. 1950).

Development of Forest Products Research in Canada, J.H. Jenkins - (Paper presented before Annual Meeting, Forest Products Institute of Canada, 1950).

Lumber Grades and Timber Standards, J.H. Jenkins - (Paper presented before Annual Meeting, Forest Products Institute of Canada, 1951).

How the F.P.L. Facilities Can Assist the Woodworker, J.H. Jenkins, (Reprint, Canadian Woodworker, May 1953).

The Challenge of Wood, J.H. Jenkins. (Paper presented before the Royal Canadian Institute, Toronto, December 1953).

PARTIE B - PUBLICATIONS FRANCAISES

1. Propriétés mécaniques et construction lamellée.

Circulaire 54F - Epinette de construction de l'est Canadien, résistance des dimensions destinées au Royaume-Uni, G.H. Rochester, 1939 - (O).

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